APPENDIX B

COMPARISON OF CLAIM 271 OF THE PRESENT APPLICATION
WITH CLAIM 15 OF U.S. PATENT NO. 6,080,576

Claim 271	Claim 15 of the Zambrowicz Patent
A method to activate expression of an endogenous gene in an isolated eukaryotic cell comprising	A method to alter expression of a gene in an isolated eukaryotic cell comprising
introducing a vector construct into said isolated eukaryotic cell,	introducing a 3' gene trap cassette vector into said cell,
said vector construct comprising in operable combination	said 3' gene trap cassette vector comprising in operable combination
1) a promoter;	1) a promoter;
2) an exon sequence located 3' from and expressed by said promoter	2) an exon sequence located 3' from and expressed by said promoter
said exon being derived from a naturally occurring eukaryotic gene	said exon being derived from a naturally-occurring eukaryotic gene
and not being a screenable marker gene; and	said exon not encoding an activity conferring antibiotic resistance
	and said exon not being a reporter gene; and
3) a splice donor sequence defining the 3' region of said exon	3) a splice donor sequence defining the 3' region of said exon
said splice donor sequence being derived from a naturally-occurring eukaryotic gene;	said splice donor sequence being derived from a naturally occurring eukaryotic gene;
wherein said vector construct is non-homologously incorporated into the genome of a said isolated eukaryotic cell	wherein said cassette is non-homologously incorporated into the genome of an eukaryotic target cell
and said splice donor sequence of the transcript encoded by said exon is spliced to a splice acceptor sequence of said endogenous gene.	and said splice donor sequence of the transcript encoded by said exon is spliced to a splice acceptor sequence of said cellularly encoded gene.